

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20040239714"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 08:31
S3	0	"2002089562" "4034380.pn." "6375299.pn." "5818473.pn." "5500657.pn."	US-PGPUB; USPAT	OR	ON	2006/09/22 11:54
S4	4	"2002089562" "4034380".pn. "6375299".pn. "5818473".pn. "5500657".pn.	US-PGPUB; USPAT	OR	ON	2006/09/22 11:56
S5	3	"2002089562"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 11:55
S6	2	"20020089562"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:35
S7	1	2000-425005.NRAN.	DERWENT	OR	ON	2006/09/22 11:56
S8	68004	"347"/\$.ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:52
S9	5	(((number count) with ejection with failure) same (reference with value)) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:37
S10	16	(((number count) with ejection with failure) and (reference with value)) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:52
S11	11	S10 not S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:43
S12	4	"4034380".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:43
S13	3244	"347"/68-72.ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:52
S14	3245	347/68-72.ccis.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:52

## EAST Search History

S15	0	(ejection with failure) same (reference with value) and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:48
S16	4	(ejection with failure) and (reference with value) and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:53
S17	0	(ejection with failure) same (reference with (value number count)) and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:53
S18	7	(ejection with failure) and (reference with (value number count)) and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:55
S19	11	(ejection with failure) same (reference with (value number count)) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:57
S20	441	(number with (drops dots)) same (reference with (value number count)) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:58
S21	15	S20 and (ejection with fail\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:58
S22	1	("5430469").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 09:59
S23	2419	347/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:10
S24	603	347/23.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:11
S25	89	S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:11
S26	924	347/29.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:36

## EAST Search History

S27	10	S23 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:12
S28	16	S23 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:15
S29	4	S14 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:16
S30	2	"5500657".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:17
S31	126284	(fir\$3 eject\$3) with (fail\$3 malfunction Inoperative nonoperative malperform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:18
S32	98	S31 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:19
S33	17	S32 and (reference with (number value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:28
S34	0	((count\$3 with fail\$3) same (reference with greater)) and 347/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:29
S35	0	((count\$3 with fail\$3) same (reference with greater)) and "347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:30
S36	15	((fail\$3) same (reference with greater)) and "347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:30
S37	24	("4241406"   "4648048"   "4900941"   "4907013"   "5038208"   "5128691"   "5224421"   "5289208"   "5321436"   "5430306"   "5473351"   "5495103"   "5559339"   "5587728"   "5596353"   "5650804"   "5760799"   "5764251"   "5771051"   "5781204"   "5798772"   "5933179"   "5956051"   "6137570").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 10:33
S38	79	((failure Inoperative nonoperative malfunction malperform) same (drop with (detect\$3 sens\$3))) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:38

## EAST Search History

S39	25	S38 and (reference with (number value count))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:38
S40	855	(ejection with failure) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:50
S41	3	S40 and ((threshold with value) same drops)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:49
S42	21	((number with failure) with (threshold reference)) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:51
S43	18	("4313124"   "4345262"   "4459600"   "4463359"   "4558333"   "4608577"   "4723129"   "4740796"   "4926196"   "5068806"   "5363134"   "5367325"   "5477245"   "5506611"   "5576745"   "5617122"   "5646655"   "5751304").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 10:54
S44	8	(US-20040239714-\$).did. or (US-5818473-\$ or US-4034380-\$ or US-6350006-\$ or US-4241406-\$ or US-6238112-\$ or US-6382764-\$).did. or (EP-1013453-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/25 11:09
S45	2	S44 and (paper with dust)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/09/25 11:09
S46	44	"2002089562" "4034380" "6375299" "5818473" "5500657"	US-PGPUB; USPAT	OR	ON	2006/09/25 12:00
S47	8	("4471363"   "4498088"   "4590482"   "4625220"   "4695852"   "5072235"   "5500657"   "6076914").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 12:17
S48	1	"3946398".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 12:18
S49	4	"400930".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 12:49